Substitute	or Form 144	9/PTO			Complete i	f Known
INFORMATION DISCLOSURE					Application Number	09/944,782
		_			Filing Date	August 30, 2001
•	STAT	EBJEI	IT BY APPLICA	NT	First Named Inventor:	Rohit Sharma
	/_	(use as h	any sheets as necessary)		Art Unit	2616
	SEP 2	2006			Examiner Name	Ahmed, Salman
·Chack	1	2000	Of			
'Sheet	123		<u> Ut</u>	5	Attorney Docket Number	81862P257
	REMAREM	ARKOR	U.S. PAT	ENT DOCUMENTS	3	
Examiner Initials*	Cite No.		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-	-Kind Code <sup>2</sup> (If known)			Figures Appear
SA		US-	4,703,475	10/27/1987	Dretzka et al.	
SA		US-	5,153,877	10/6/1992	Esaki et al.	
SA		US-	5,224,099	6/29/1993	Corbalis et al.	
SA		US-	5,274,643	12/28/1993	Fisk	
SA		US-	5,341,366	8/23/1994	Soumiya et al.	
SA		US-	5,359,592	10/25/1994	Corbalis et al.	
SA	-	US-	5,359,593	10/25/1994	Derby et al.	
SA		US-	5,420,857	5/30/1995	Jurkevich	
SA		US-	5,422,880	6/6/1995	Heltkamp et al.	
SA		US-	5,561,663	10/1/1996	Klausmeier	
SA		US-	5,617,417	4/1/1997	Sathe et al.	
SA		US-	5,687,167	11/11/1997	Bertin et al.	
SA		US-	5,729,546	3/17/1998	Gupta et al.	
SA		US-	5,764,626	6/9/1998	VanDervort	
SA		US-	5,793,744	8/11/1998	Kanerva et al.	

Examiner . Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T°
SA		WO 99/65194 A1	12/16/1999	Petaejistoe		

Examiner	(Column 3) (20/11/0006)	Date, Considered	
Signature	/Salman Ahmed/ (10/11/2006)	10/11/2006	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of JSPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For lapanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by he appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>8</sup>Applicant is to place a check mark here if English language ranslation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by he USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete notuding gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, J.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. 3END TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Substitute for Form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known			
Application Number	09/944,782		
Filing Date	August 30, 2001		
First Named Inventor:	Rohit Sharma		
Art Unit	2616	-	
Examiner Name	Ahmed, Salman		
Attorney Docket Number	81862P257		

'Sheet	2		Ot		Attorney Docket Number	81862P257
			U.S. PA	TENT DOCUMENTS	3	
Examiner Initials*	Cite No.1	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
		Numbe	r-Kind Code <sup>2</sup> (If known)			Passages or Relevant Figures Appear
SA		US-	5,815,492	9/29/1998	Berthaud et al.	
SA		US-	5,872,771	2/16/1999	Park et al.	
SA		US-	5,881,049	3/9/1999	Beshai et al.	
SA		US-	5,898,691	4/27/1999	Liu	
SA		US-	5,917,804	6/29/1999	Shah et al.	
SA		US-	5,926,475	7/20/1999	Saldinger et al.	
SA		US-	5,936,940	8/10/1999	Marin et al.	
SA		US-	5,940,372	8/17/1999	Bertin et al.	
SA		US-	5,970,067	10/19/1999	Sathe et al.	
SA		US-	6,028,840	2/22/2000	Worster	
SA		US-	6,041,039	3/21/2000	Kilkki et al.	
SA		US-	6,052,385	4/18/2000	Kanerva et al.	
SA		US-	6,061,348	5/9/2000	Castrigno et al.	
SA		US-	6,084,858	7/4/2000	Matthews et al.	
SA		US-	6,115,374	9/5/2000	Stonebridge et al.	

FOREIGN PATENT DOCUMENTS							
Examiner . Initials*	Cite No.¹	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ°	
						ļ	

Examiner	/Salman Ahmed/ (10/11/2006)	Date Considered
Signature		10/11/2006

'EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete ncluding gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Substitute for Form 1449/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

		_		
_	Complete	if Known		
	Application Number	09/944,782		
	Filing Date	August 30, 2001		
	First Named Inventor:	Rohit Sharma		
	Art Unit	2616		
	Examiner Name	Ahmed, Salman		
	Attorney Docket Number	81862P257	_	

Sileet	<u> </u>		OI .	3	Attorney bocket Number	61802F237
			U.S. PA	TENT DOCUMENTS	3	
Examiner Initials*	Cite No.		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
		Number	-Kind Code <sup>2</sup> (# known)			Passages or Relevant Figures Appear
SA		US-	6,160,808	12/12/2000	Maurya	
SA		US-	6,167,030	12/26/2000	Kilkki et al.	
SA		US-	6,222,824 B1	4/24/2001	Marin et al.	
SA		US-	6,256,309 B1	7/3/2001	Daley et al.	
SA		US-	6,356,546 B1	3/12/2002	Beshai et al.	1
SA		US-	6,490,249 B1	12/3/2002 ·	Aboul-Magd et al.	
SA	-	US-	6,493,317 B1	12/10/2002	Ma	
SA		US-	6,496,504 B1	12/17/2002	Malik	
SA		US-	6,512,769 B1	1/28/2003	Chui et al.	
SA		US-	6,526,060 B1	2/25/2003	Hughes et al.	
SA		US-	6,529,498 B1	3/4/2003	Cheng	1
SA		US-	6,608,813 B1	8/19/2003	Chiussi et al.	
SA		US-	6,608,815 B1	8/19/2003	Huang et al.	
SA		US-	6,625,155 B1	9/23/2003	Dziong	
-02		us-	6.678.264 B1	1/13/2004	Gibson	1

		FC	REIGN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> Number Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т•`,
						1

				475
Examiner	/Salman Ahmed/	(10/11/2006)	Date Considered	
Signature			10/11/2006	

'EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of JSPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language ranslation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by he USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete ncluding gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, J.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

## Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

	Complete if Known				
	Application Number	09/944,782			
	Filing Date	August 30, 2001			
	First Named Inventor:	Rohit Sharma			
	Art Unit	2616			
	Examiner Name	Ahmed, Salman			

Sheet	4		Of	5	Attorney Docket Number	81862P257
			U.S. PATE	ENT DOCUMENTS	3	
Examiner Initials*	Cite No.	Numbe	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SA		US-	6,690,671 B1	2/10/2004	Anbiah et al.	
SA		US-	6,724,881 B1	4/20/2004	McAllister et al.	<u> </u>
SA	<del> </del>	US-	6,731,599 B1	5/4/2004	Hunter et al.	
SA	<del>                                     </del>	US-	6,778,495 B1	8/17/2004	Blair	
SA		US-	6,826,196 B1	11/30/2004	Lawrence	
SA		US-	6,862,284 B1	3/1/2005	Spiegel et al.	
SA		US-	6,977,898 B1	12/20/2005	Miriyala	
SA		US-	7,039,014 B1	5/2/2006	Krishnamurthy et al.	
SA		US-	US 2002/0057649 A1	5/16/2002	Kinnunen	
<u> </u>	<u></u>	US-				
		US-				
		US-				
		US-				
		บร-				
		us-				

					5 0.	
Examiner Initials*	Cite No.¹	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т°

Examiner	/Salman Ahmed/ (10/11/2006)	Date Considered
Signature		10/11/2006

'EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of JSPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language ranslation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete ncluding gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, J.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Substitute for Form 1449/PTO Complete if Known **Application Number** 09/944.782 INFORMATION DISCLOSURE Filing Date August 30, 2001 STATEMENT BY APPLICANT First Named Inventor: Rohit Sharma (use as many sheets as necessary) Art Unit 2616 **Examiner Name** Ahmed, Salman **Attorney Docket Number** 81862P257 5 Sheet of 5 NON PATENT LITERATURE DOCUMENTS  $\mathsf{T}^2$ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Cite Examiner item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue Initials\* No number(s), publisher, city and/or country where published "RADCOM Network Simulators and Analyzers." http://www.radcom.com/Products.aspx?boneld=660&pageCTemplate=0&print=2, 1 page (based on SA product prior to December 18, 2001) "RADCOM Protocol Simulators/PNNI Simulator," SA http://www.radcom.com/Products.aspx?boneId=936&PageCTemplate=0&print=2, 2 pgs. (based on product prior to December 18, 2001) "Soft-ATM Private Network-to-Network Interface (PNNI)," http://www.ikongmbh.de/german/datasheets/netplane/pnni.htm (July 12, 2001) SA "PNNI: A little background," http://www.antc.utwente.nl/Reports/ATM/PNNI/pnni\_background.html (September 19, 2001) SA · "Protocol Directory - ATM Signaling & Routing," http://www.protocols.com/pbook/atmsig.htm SA (November 14, 2001) International Telecommunication Union (ITU), ITU-T, Q.2931. B-ISDN Application Protocols for Access Signaling (February 1995). SA The ATM Forum Technical Committee, "Addressing Addendum to ATM User-Network Interface (UNI) Signalling Specification, Version 4.0," ATM Forum document number AF-CS-0107.000, February 1999 SA The ATM Forum Technical Committee, "UNI Signalling 4.0 Security Addendum," ATM Forum document number AF-CS-0117.000, May 1999 SA The ATM Forum Technical Committee, "Modification of Traffic Parameters for an Active Connection Signalling Specification (PNNI, AINI, and UNI), Version 2.0," ATM Forum document number AF-CS-SA 0148.001, May 2001 The ATM Forum Technical Committee, "ATM User-Network Interface (UNI) Signalling Specification, SA Version 4.0," ATM Forum document number af-sig-0061.000, July 1996

Signature /Salinan Armied/ (10/11/2006) Considered Considered	Examiner Signature	/Salman Ahmed/ (10/11/2006)	Date 10/11/2006 Considered
---	-----------------------	-----------------------------	-------------------------------

Saltouros, Marios P., et al., "A Scalable Qos-Based Routing Scheme for ATM Networks Using

Reinforcement Learning Algorithms," University of Athens, Greece (1999)

SA

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.